

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Minas H. Tanielian Attorney Docket No. BO1-0257US  
Serial No.: 10/652,449 Group Art Unit: 2834  
Filing Date: August 29, 2003 Examiner: Karl I. Tamai  
Title: SOLID STATE THERMAL ENGINE

**RESPONSE TO OFFICE ACTION DATED APRIL 2, 2007**

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

From: Dale C. Barr (Tel. 206-315-7916; Fax 206-315-4004)  
Lee & Hayes, PLLC  
421 W. Riverside Avenue, Suite 500  
Spokane, WA 99201

**Customer No. 60483**

**INTRODUCTORY COMMENTS**

This communication is responsive to the Office Action dated April 2nd, 2007.  
Please amend the above-captioned application as follows:

**Amendments to the Specifications** begin on page 2 of this document.

**Amendments to the Claims** begin on page 3 of this document.

**Remarks** begin on page 11 of this document.